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FIG. 1A

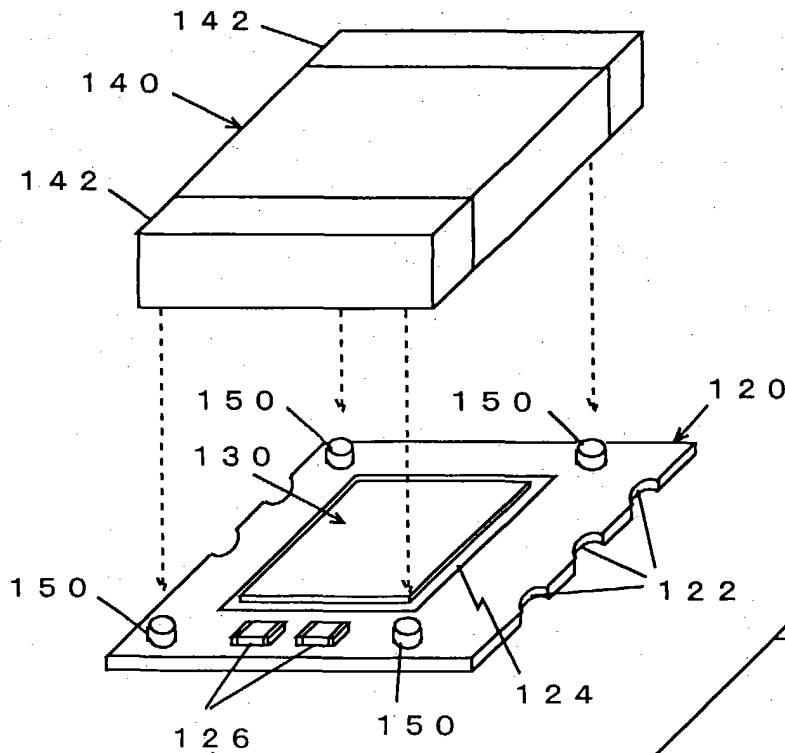


FIG. 1B

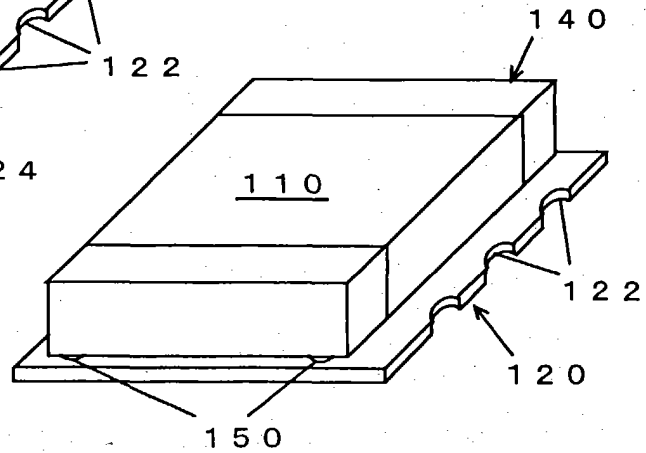
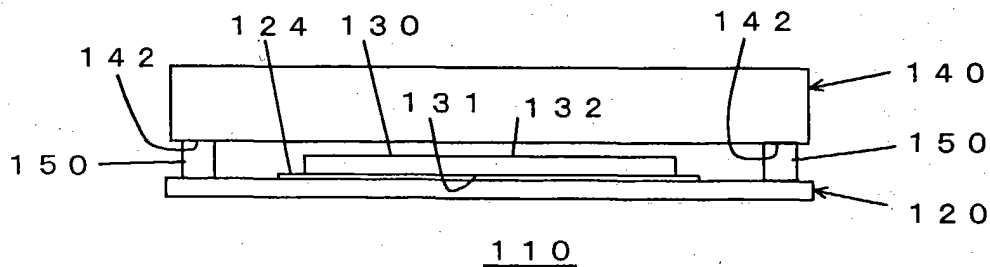


FIG. 1C



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FIG. 1D

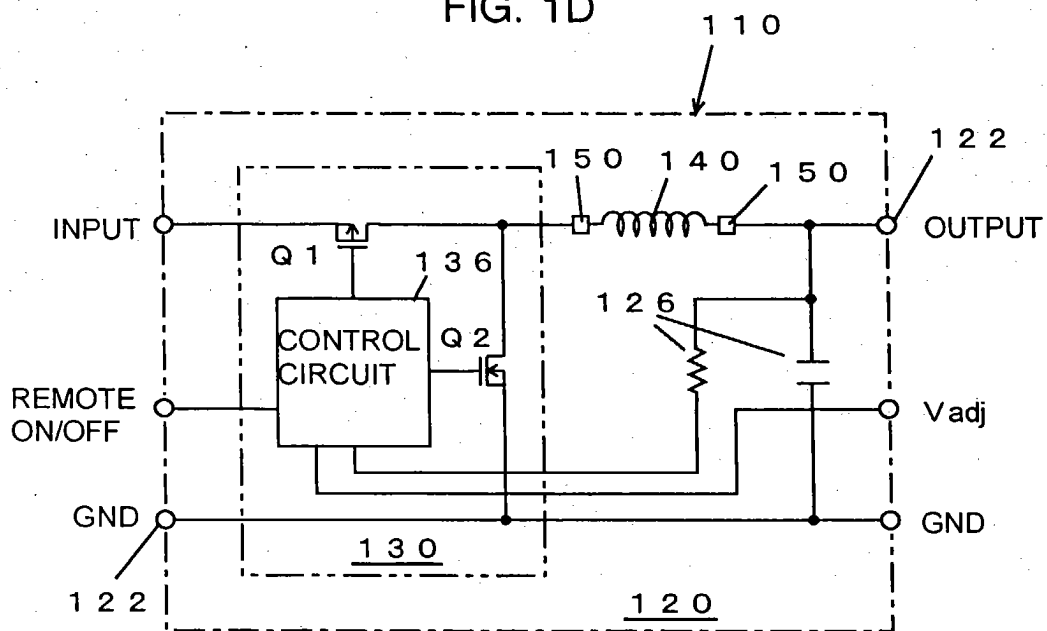
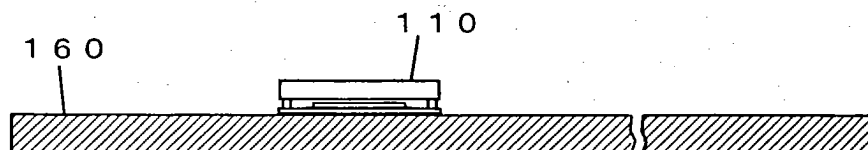


FIG. 1E



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FIG. 2A

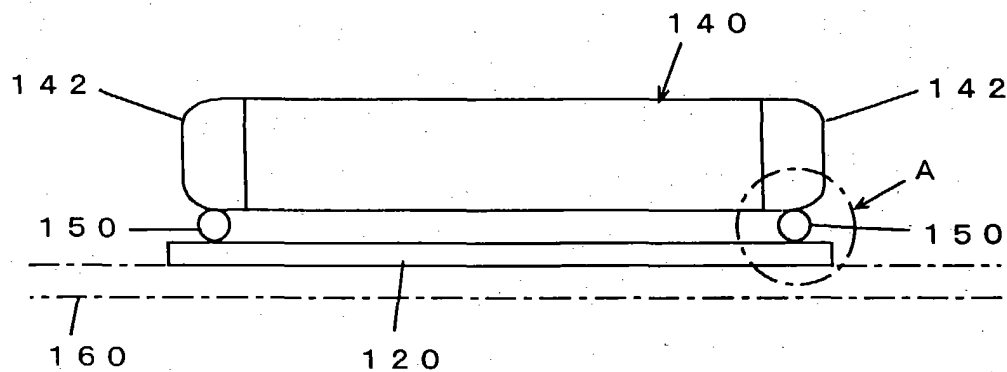
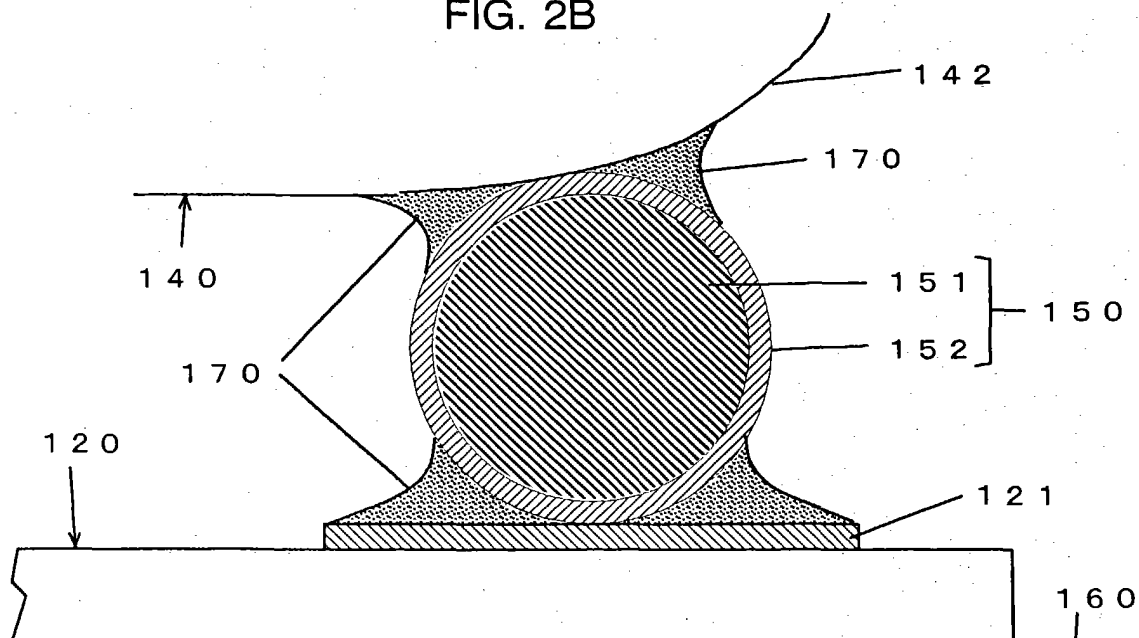


FIG. 2B



(ENLARGED CROSS SECTION OF PART LABELED A)

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FIG. 3A

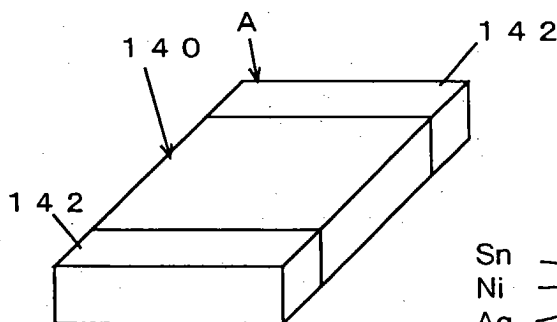
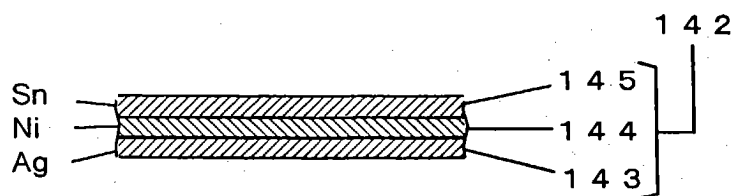


FIG. 3B



(ENLARGED CROSS SECTION  
 OF PART LABELED A)

FIG. 4A

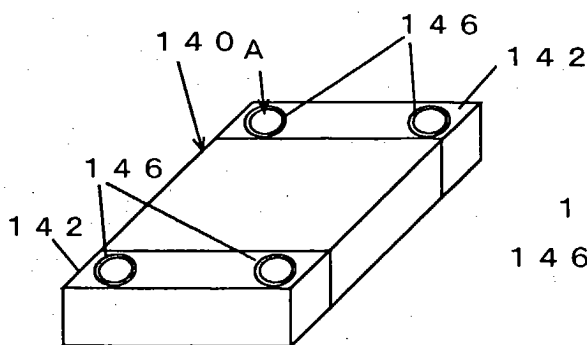
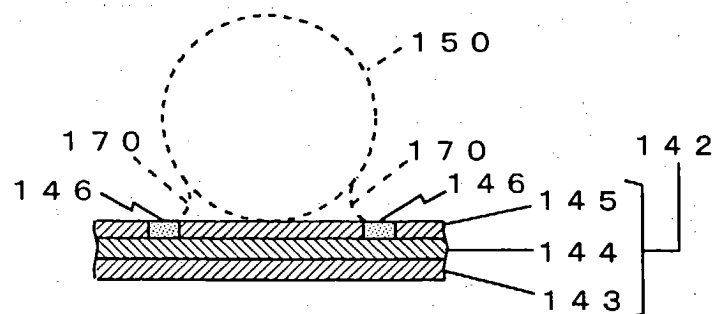


FIG. 4B



(ENLARGED CROSS SECTION  
 OF PART LABELED A)

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FIG. 5A

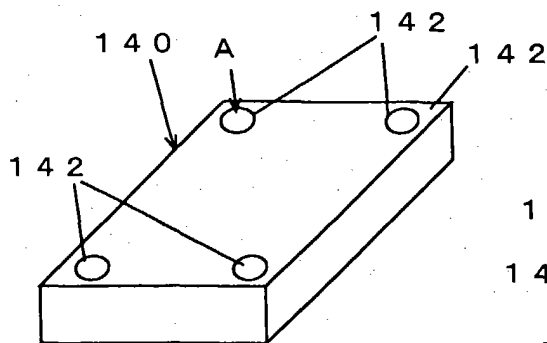
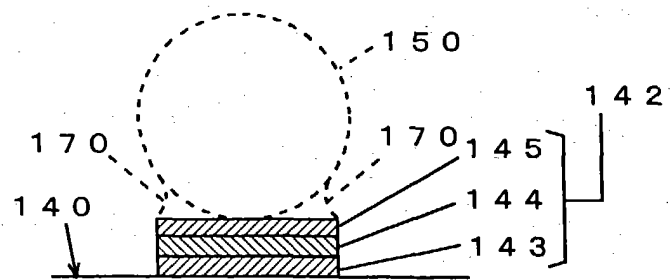


FIG. 5B



(ENLARGED CROSS SECTION  
 OF PART LABELED A)

FIG. 6A

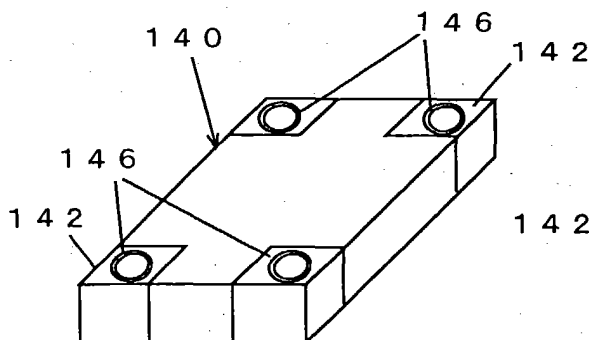
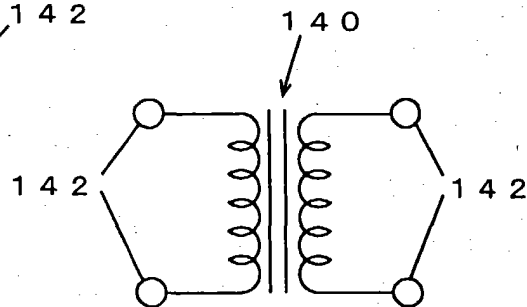


FIG. 6B



(EQUIVALENT CIRCUIT)

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FIG. 7A

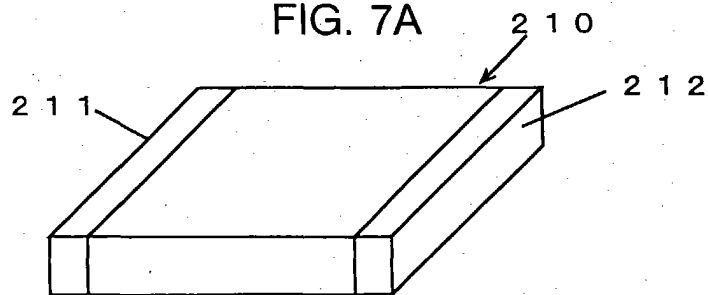


FIG. 7B

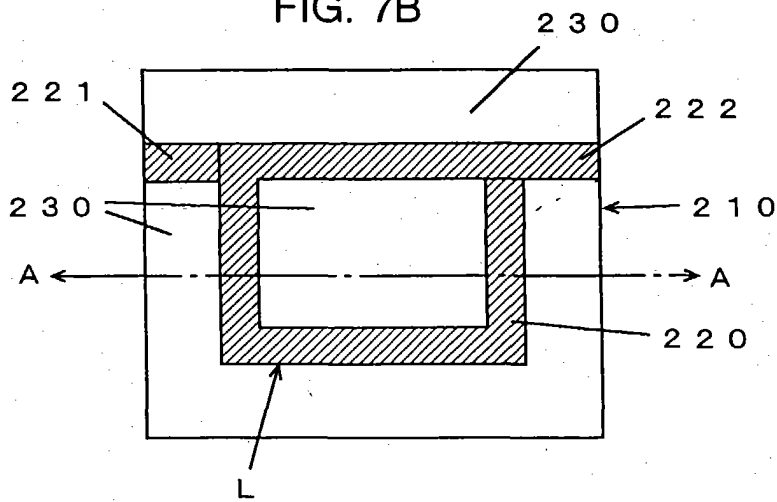
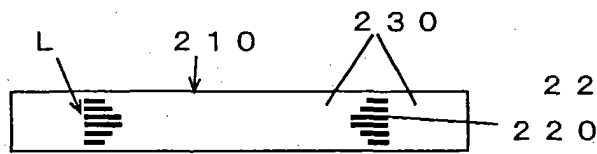
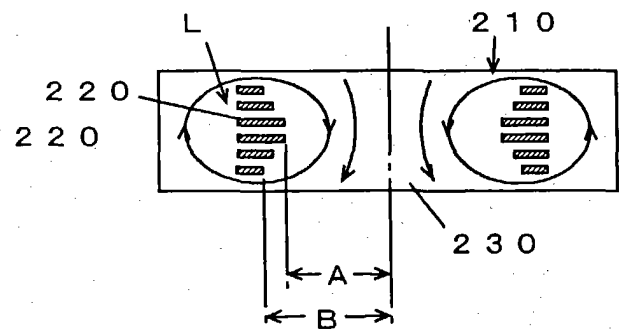


FIG. 7C



(A-A CROSS SECTION)

FIG. 7D



(ENLARGED VIEW IN THICKNESS DIRECTION)

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FIG. 8

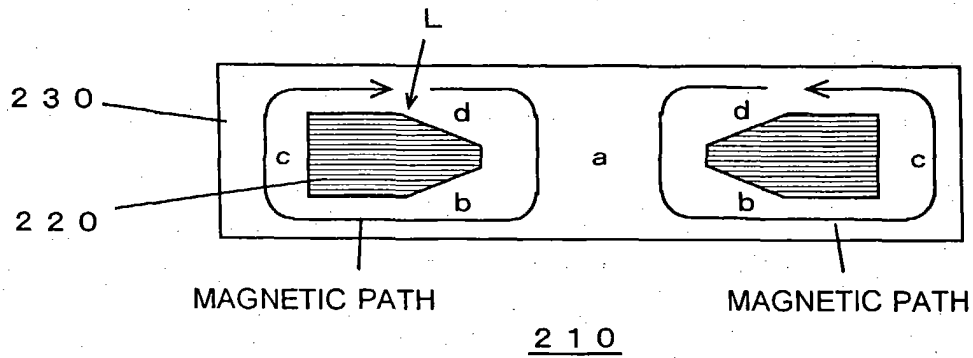
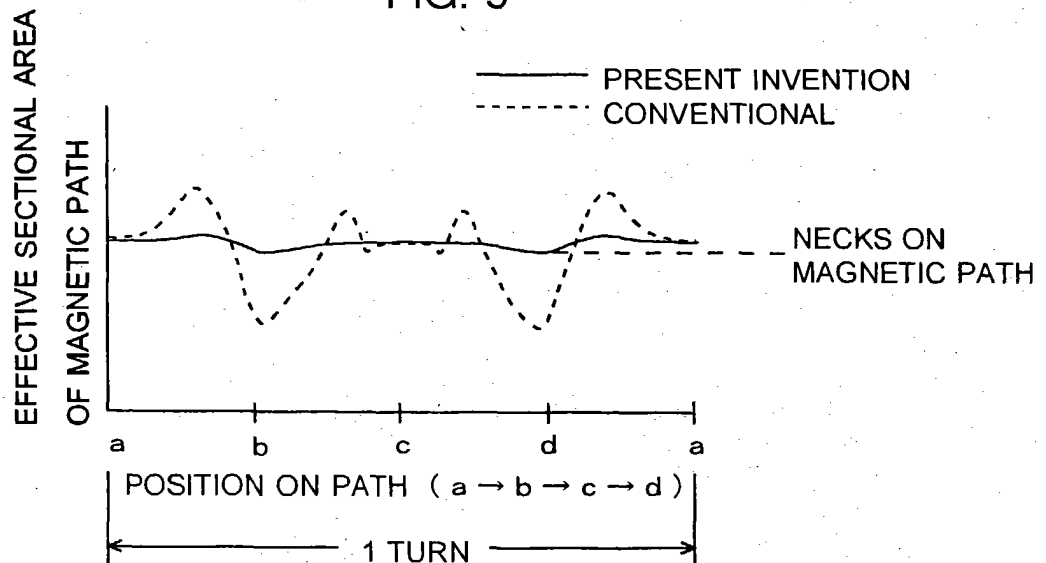


FIG. 9



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FIG. 10A

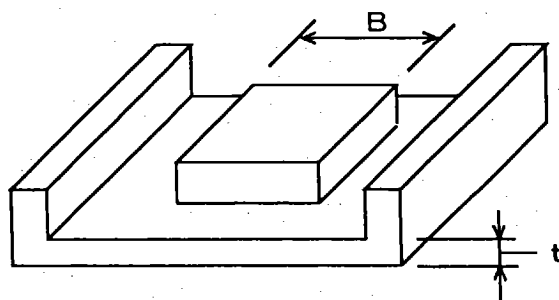


FIG. 10B

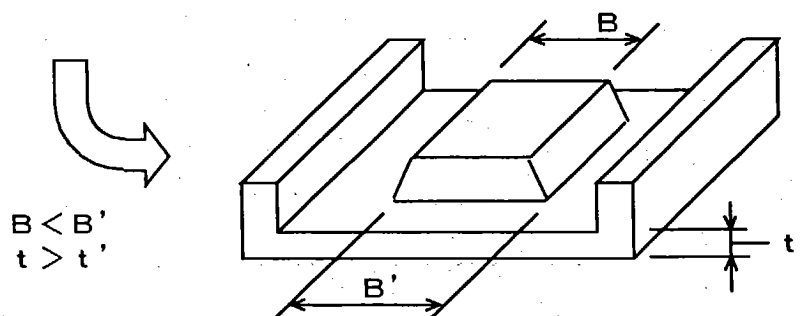


FIG. 10C

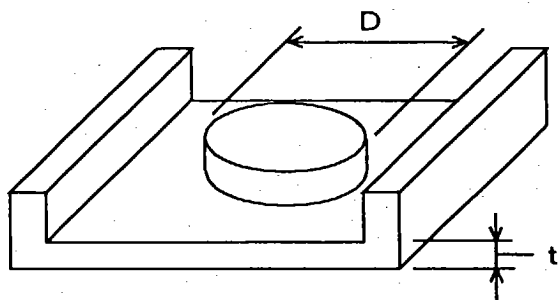
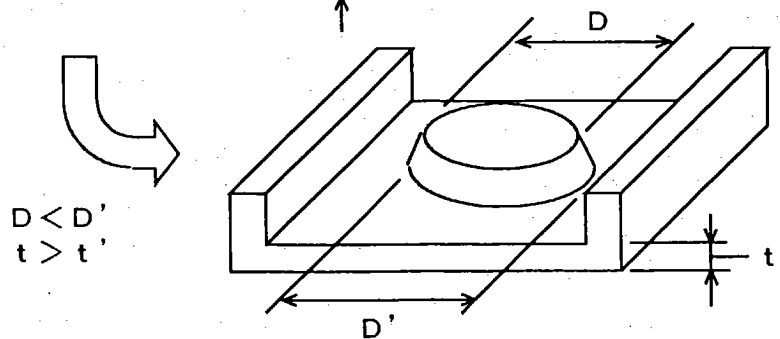


FIG. 10D





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FIG. 11A

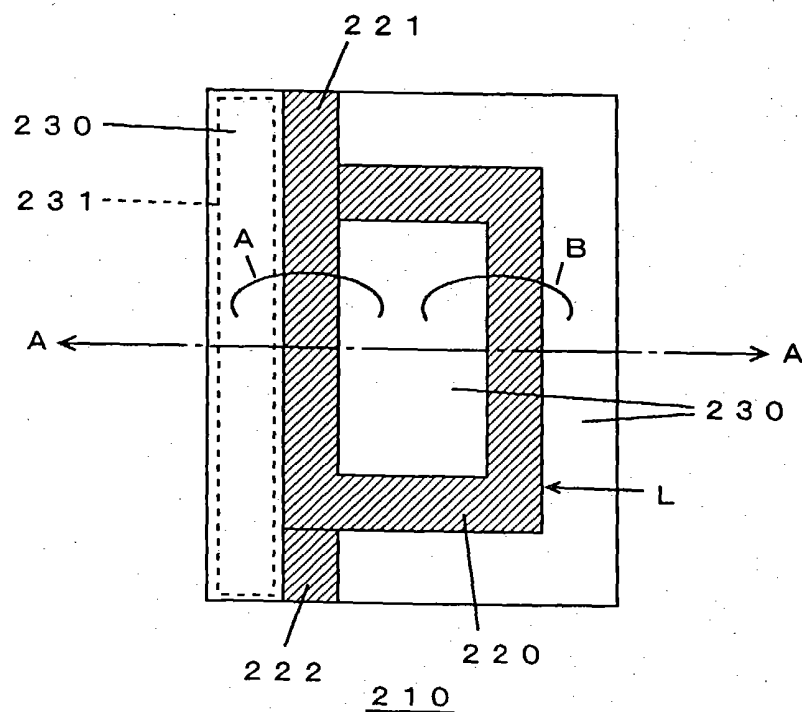
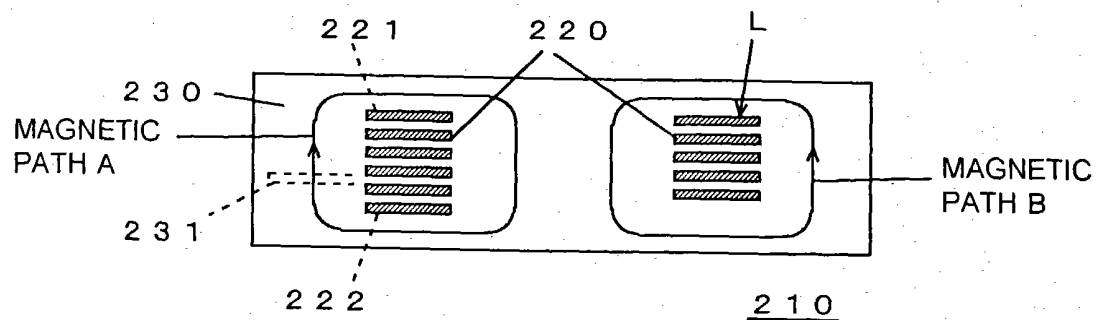


FIG. 11B



(A-A CROSS SECTION)

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FIG. 12A

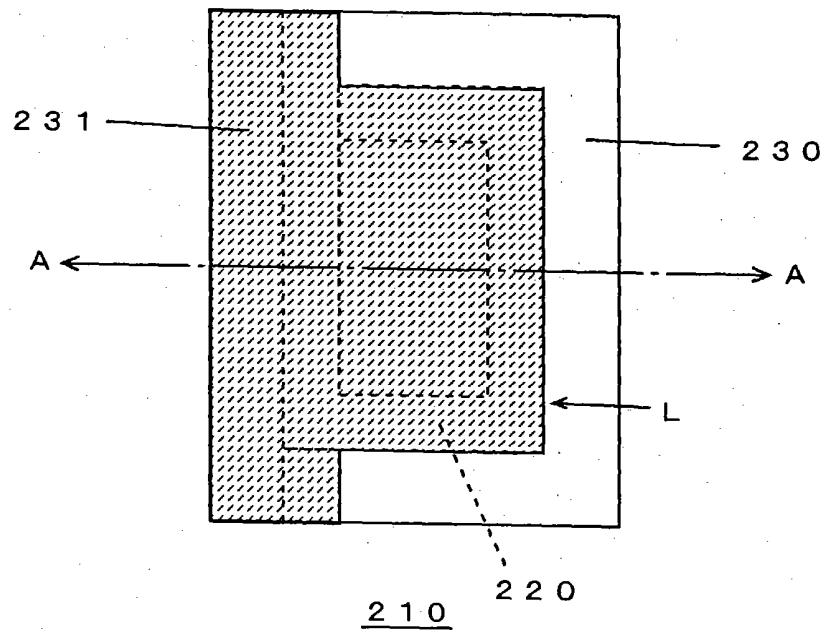
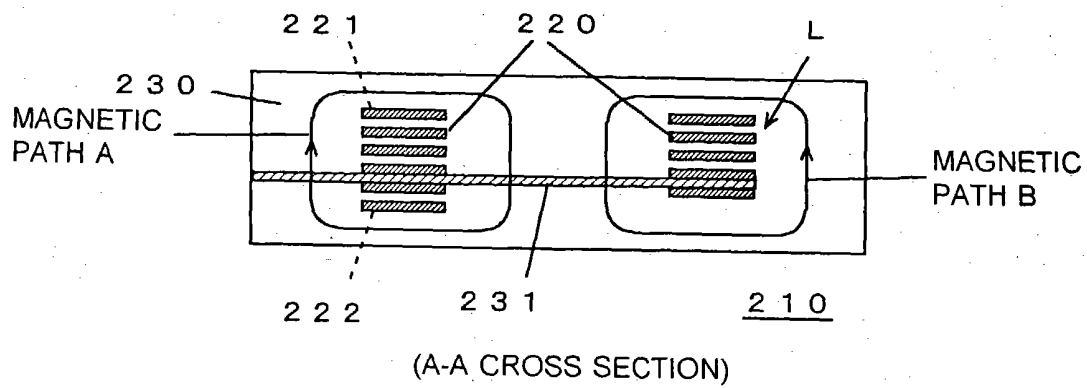


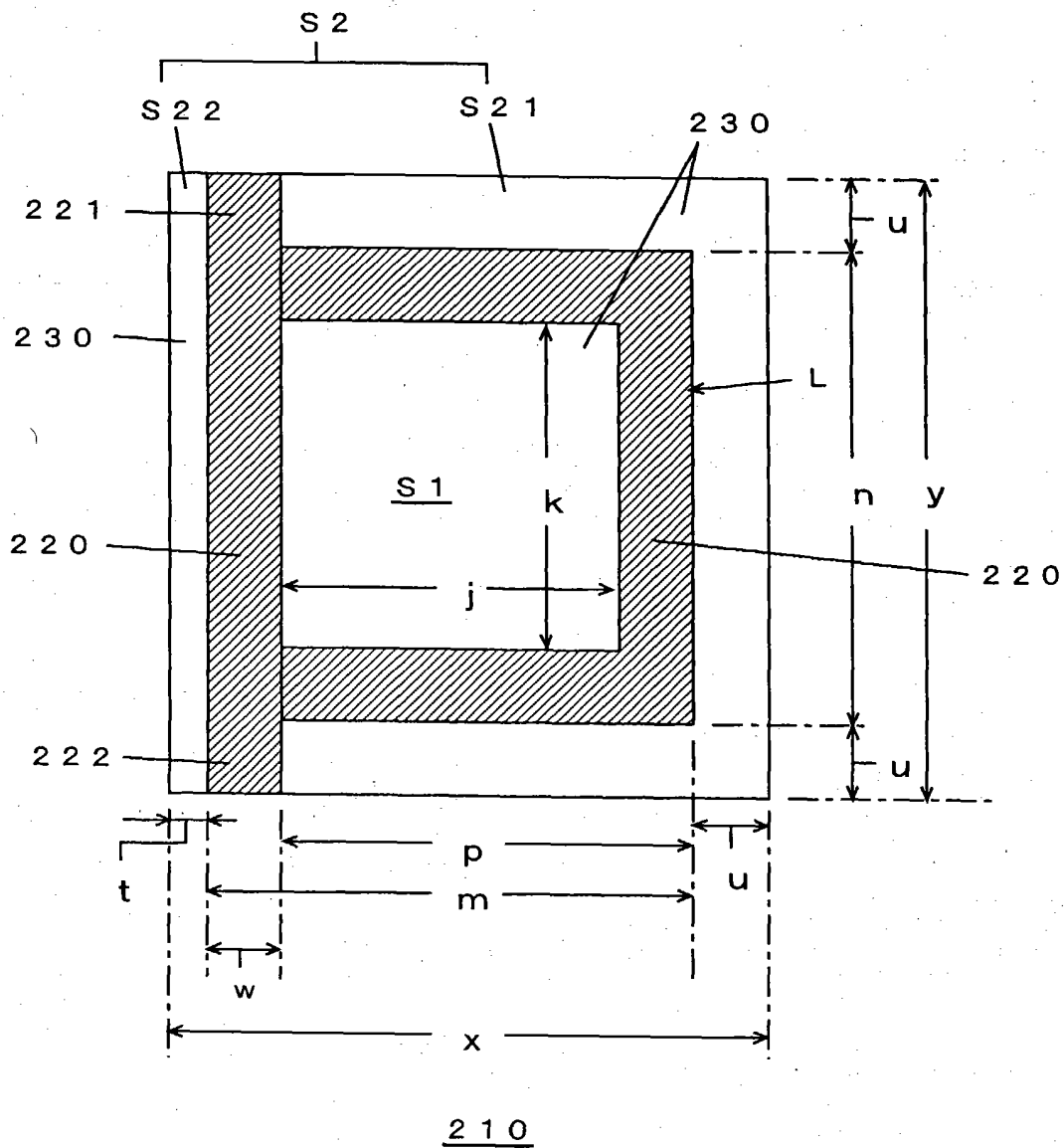
FIG. 12B



A technical diagram of a composite cross-section. It features a central rectangular core with a smaller rectangular hole in the middle. The core is filled with diagonal hatching. This core is surrounded by a thick, solid rectangular border. The entire assembly is set within a larger rectangular frame. Labels include:  $t_1$  and  $t_2$  at the top indicating thicknesses; 230 on the left and right sides; 221 at the top of the core; 222 at the bottom left and 220 at the bottom right of the core; 210 at the bottom center; A and B with curved arrows indicating moments; L with an arrow pointing to the right side of the core; and a horizontal dashed line with arrows at both ends labeled A.

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FIG. 14



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FIG. 15A

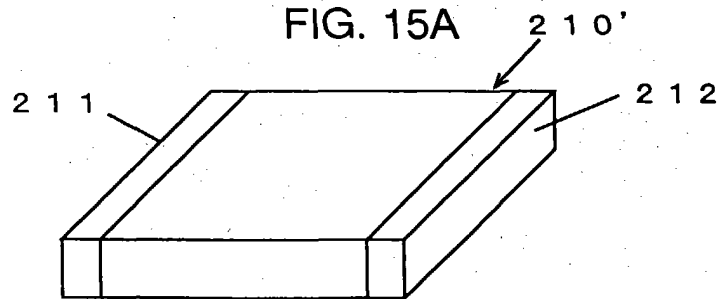


FIG. 15B

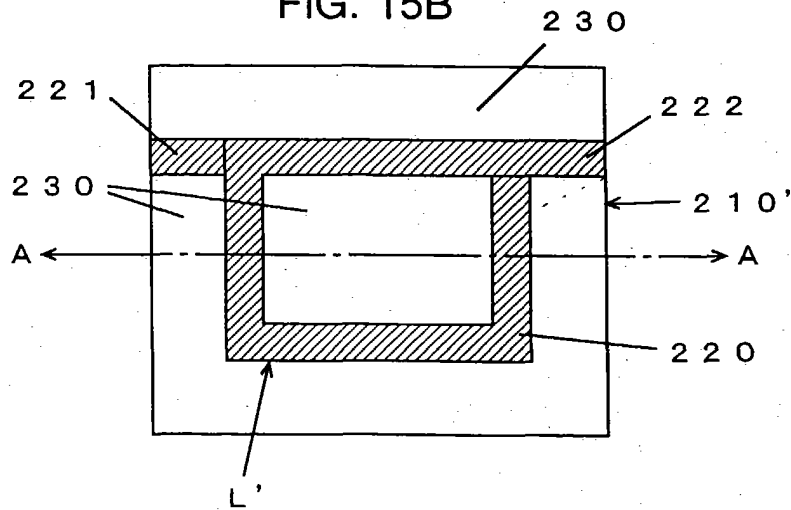
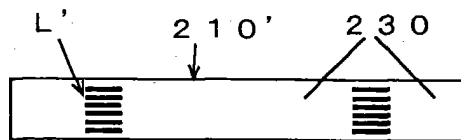
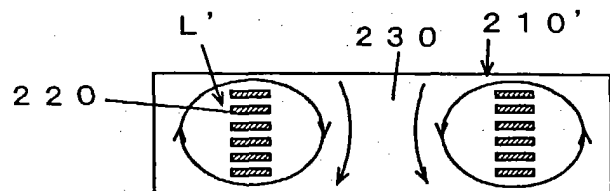


FIG. 15C



(A-A CROSS SECTION)

FIG. 15D



(ENLARGED VIEW IN THICKNESS  
 DIRECTION)

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FIG. 16

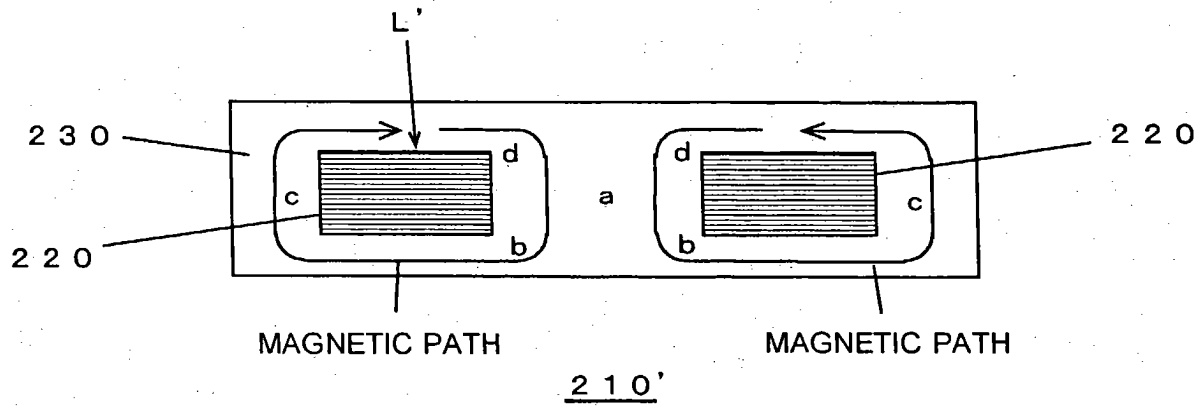


FIG. 17

